Google Cloud

Lab - Mashups and Clean Up

Modify Route Rules*

- Modify the baasRoute route rule, to allow access for /trucks:

```
<RouteRule name="baasRoute">
    <TargetEndpoint>baasTarget</TargetEndpoint>
    <Condition>(proxy.pathsuffix MatchesPath "/ratings") or
    (proxy.pathsuffix MatchesPath "/trucks/*")</Condition>
</RouteRule>
```

NOTE: only do this if you want to get the trucks from your BaaS, this is from a longer training session

Mashup the Service Callout and Target Responses

- Create another Assign Message Policy
- Mashup the ServiceCallout (ratings) and Target (trucks) responses

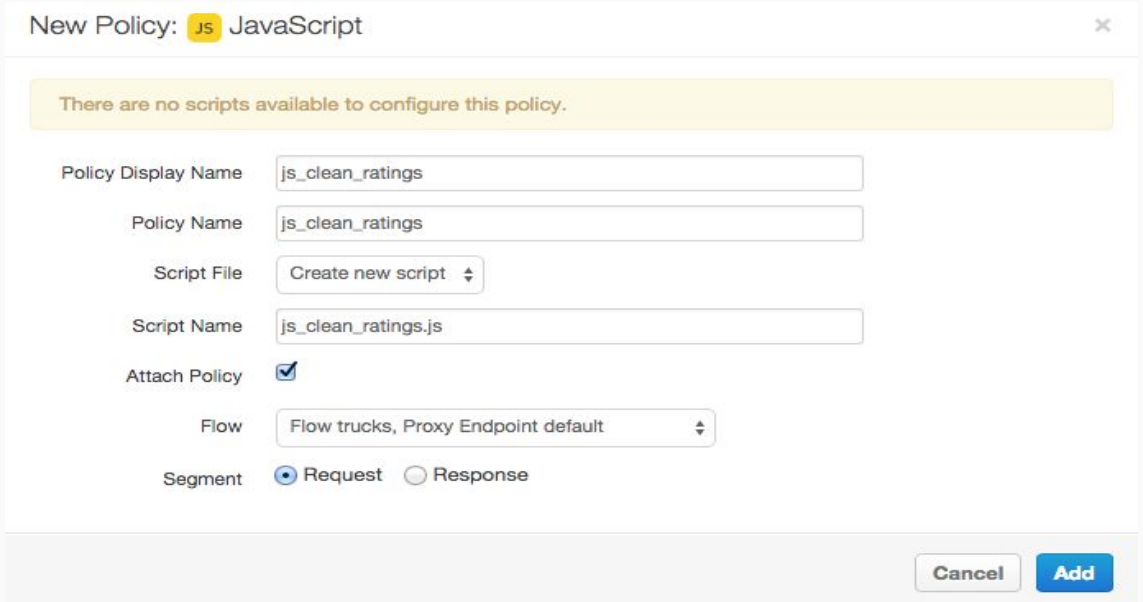
```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<AssignMessage async="false" continueOnError="false" enabled="true"
name="Assign-Message-Mashup">
  <DisplayName>Assign Message-Mashup</DisplayName>
  <Properties/>
  <Set>
    <Payload contentType="application/json">
      {"truck":{response.content},
      "rating":{ratingsResponse.content} }</Payload>
  </Set>
  <IgnoreUnresolvedVariables>true</IgnoreUnresolvedVariables>
  <AssignTo createNew="false" transport="http" type="response"/>
</AssignMessage>
```

Test

- Attach to Flow /trucks, Proxy Endpoint default, Segment = Response
- Test
- Verify the response contains both the ratings and trucks response mashed together

Clean Up

- There is a lot of extra metadata we don't care about in the ratings response from the Service Callout
- One method of cleansing your json of unwanted fields is to use the JavaScript policy, or you could extract out the fields you want with an extract variables policy, or a combination of both.



Javascript for Clean Up

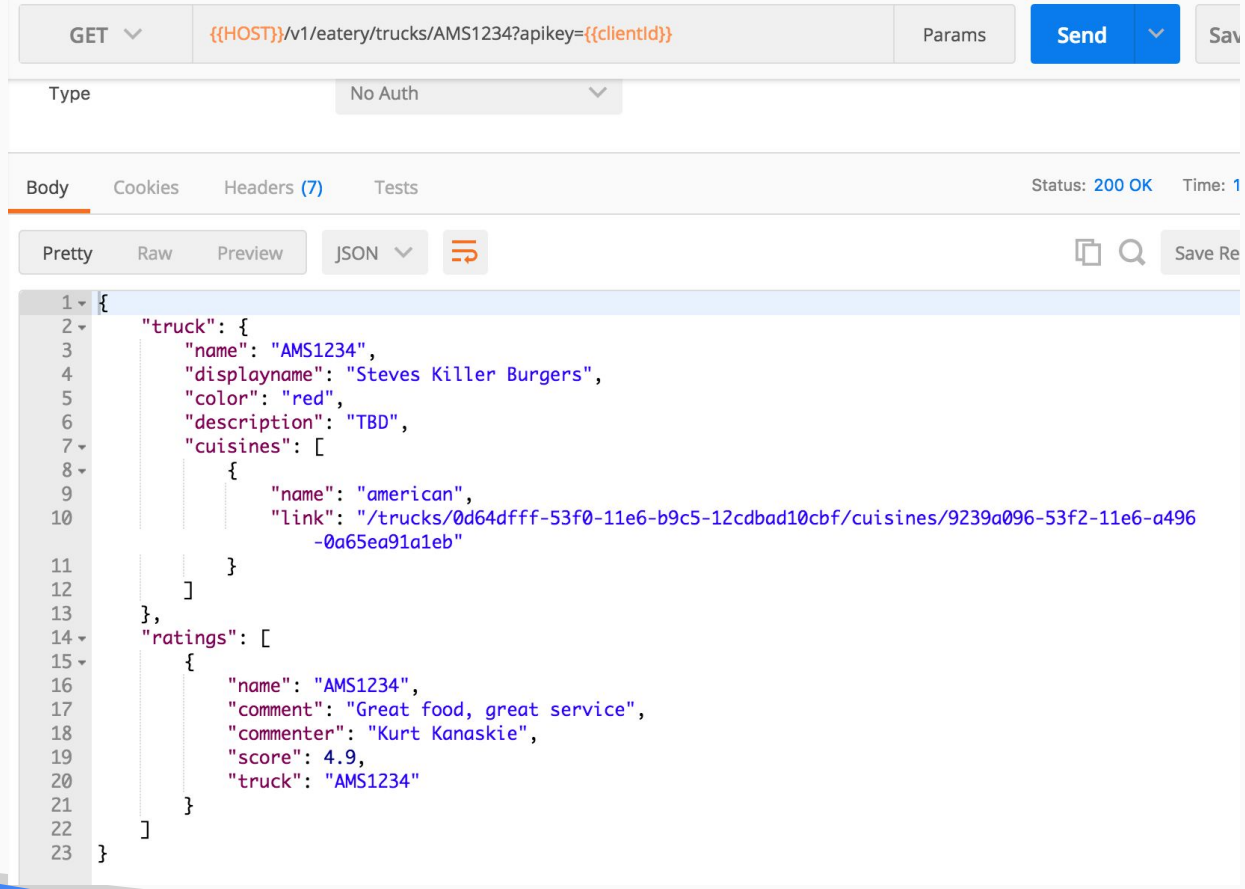
```
var servicecalloutcontent =
context.getVariable('ratingsResponse.content');
var ratingsSourceObj = JSON.parse(servicecalloutcontent);
var cleanRatings = {};
cleanRatings = ratingsSourceObj.entities;

for (var i = 0;i< cleanRatings.length; i++) {
    delete(cleanRatings[i].uuid);
    delete(cleanRatings[i].type);
    delete(cleanRatings[i].created);
    delete(cleanRatings[i].modified);
    delete(cleanRatings[i].metadata);
}
context.setVariable('ratingsResponse.content',
JSON.stringify(cleanRatings));
```

- JS policy needs to go AFTER the Callout, but BEFORE the Mashup.

Test

- Verify the response contains the cleaned up ratings response and trucks response mashed together

See



THANK YOU